

1 DRAFT 20. In a manually guided pointing operation in a display interface between a computer
2 and a manually moveable mouse input member positioned by a user,
3 said interface including an intersection between a curved member on said
4 manually moveable mouse input member and a mouse pad stationary surface,
5 said interface having associated signal generating circuitry operable
6 to move a cursor in said display in response to relative motion of said curved
7 member with respect to said mouse pad stationary surface, and, wherein,
8 said curved member has a peripheral surface in tangential contact with said
9 mouse pad stationary surface,
10 characterized by,
11 an improvement, for positioning control of movement of said mouse input member on
12 said mouse pad stationary surface, of an addition of a 20 - 50% increase in weight of
13 said mouse input member, whereby said weight addition operates to enhance a drag type
14 frictional force component, that resists said movement of said mouse input member on
15 said mouse pad stationary surface.

Were draft claim 20 found to be acceptable then the following dependency adjustment would also be needed.

Claim 6 line 1 change "18" to - 20 -.

Claim 9 line 1 change "18" to - 20 -.

Claim 10 line 1 change "18" to - 20 -.

Claim 11 line 1 change "18" to - 20 -.

Kindly rewrite Claim 19, considered to be indefinite as draft claim 21 wherein the prior art structural aspects of the interface are set forth in ex Parte Jepson format.

1 21. In a computer control interface involving a display and a manually propelled and
2 guided relative movement of a mouse member on a surface of a mouse pad,
3 said display having associated signal generating circuitry operable to move a cursor in
4 said display in response to rotational movement of a sphere supporting member of
5 said mouse member in contact with said surface of said mouse pad,
6 said manual propulsion and guidance in said relative movement of said mouse member
7 on said surface of said mouse pad overcoming a drag type resistance frictional force
8 component that operates to resist said relative movement of said mouse over said
9 surface of said mouse pad,
10 characterized by,
11 a positioning control enhancing increment, to said drag type resistance frictional force
12 component that operates to enhance resistance to said relative movement of said
13 mouse member over said surface of said mouse pad,
14 said positioning control enhancing increment to said drag type resistance frictional force
15 being the result of at least one of
16 the addition of 20 - 50 % of the weight of said mouse member,
17 the addition of the combination of a magnetic member positioned on the surface of said
18 mouse member adjacent to said surface of said mouse pad and a ferromagnetic
19 sheet positioned in said mouse pad, and,
20 the addition of an increase of protrusions on the surface of said mouse member that
21 are adjacent to said mouse pad to said drag type movement resistance frictional
22 force.

Were draft claim 21 found to be acceptable then the following dependency adjustment would also be needed.

Claim 14 line 1 change "12" to - 21 -.

Claim 15 line 1 change "12" to - 21 -.

Claim 16 line 1 change "12" to - 21 -.

Respectfully submitted,

Alvin J. Riddles 10/18/02

Alvin J. Riddles

Reg. No. 17862

(914) 472 - 0644

Fax No. (914) 472 - 1854